BRUHATH BENGALURU MAHANAGARA PALIKE
Dasarahalli Project Division,Dasarahalli Zone
E.I.R.L

Name of Work : Construction of Dialysis centre at Mallasandra in ward No:13

Name of Agency : M/s : K R GOVINDARAJU

Estimate Amount Rs:- 150.00 Lakhs.

Item No.	Item of Work	Unit	Qty	Rate	Amount	Whether the Item is an alternative to item in the tender or whether they are additional items. (If items are in live of some items in the accepted tender such items should be mentioned.	Whether the extra item is included in the sanctioned estimate	How the extra cost of the item is proposed be metout	Whether the extra item is included in the rate of division if so referrence to this item of the schedule should be given
1	2	3	4	5	6	7	8	9	10
EIRL-1	KSRB 2-2.4 : Excavation 1.5m and above in width in soft rock without blasting for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches not exceeding 1.5 m. in depth, stacking the excavated stuff from edges of excavation with lead upto 50m including cost of explosives, labour and HOM of equipment complete as per specifications. specification. No. KBS 2.1.C / 2.9.4 / 2.18 / 2.19	Cum	368.14	1058.54	389691.44	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-2	KSRB 4-6.4 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for vertical surface such as walls at any thickness, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (I No 4.31, P No.	Sqm	1057.90	351.25	371586.03	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17

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1	2	3	4	5	6	7	8	9	10
EIRL-3	KSRB 5-11 : Providing and constructing load bearing wall with solid concrete blocks of size 400x200x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4	Sq.m	367.45	1123.28	412747.62	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-4	KSRB 5-11 : Providing and constructing non load bearing wall with solid concrete blocks of size 400x100x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4	Sq.m	78.03	858.34	66976.33	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17

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1	2	3	4	5	6	7	8	9	10
EIRL-5	Geophysical investigation of site for sinking Borewell for supplying drinking water to the habitation either through the Hand pump, MWS of P.W.S.S by vertical electrical sounding by adopting Venner or Schlumberger's method, including reconnaissance survey of geological formation, Gerophysical investigation of existing Ground Wate in the vicinity, its qualityf 1.0 meter in consolidated formation for proper seating of casing pipe, depth of drilling required to cover full depth of aquifer proposed to be tapped, probable yield and other information required including transportation of instrument and accessories to work site., engaging techinical personal and labour required etc., complete as per specifications and directions of the Engineer in charge.	Rmtr	1.00	2089.02	2089.02	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-6	Sinking borewell of 165 mm dia clear using super fast hydraulic rig of capacity 250 PSIG & above CFM & above in all strats including over burden upto 20 mts fixing of casing pipes, collars and cap with necessary cutting, throading and welding including transportation of rig and supporing vehicles, crew charges and cost of consumables etc., complete including yield testing at the final depth with a minimum working of compressor for one hour (excluding coat of casing pipes, collars, cap etc.,) 0 to 50 m complete as per specifications and directions of the Engineer in charge.	Rmtr			0.00	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17

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1	2	3	4	5	6	7	8	9	10
a	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 0-50 mtr	Rmtr	50	349.85	17492.49	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
b	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 50-100 mtr	Rmtr	50	457.32	22866.00	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
c	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 100-150 mtr	Rmtr	50	508.77	25438.43	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
d	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 150-200 mtr	Rmtr	50	537.35	26867.55	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
e	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 150-200 mtr	Rmtr	50	621.96	31097.76	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
f	(Page. 46/ I: 9.1)PRED SR 2012-13.FOR 250-300 mtr	Rmtr	50	666.54	33327.20	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-7	Providing and fixing 160mm Borewell Cap complete as per specifications and directions of the Engineer in charge.	nos	1	111.0	111.00	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-8	Atalanta, suguna, CRI KIRLOSKER and other equipment pumps 10.00HP/7.5 KV (20 stage) P. No. XLI I.No.29) KPWD SR 2016-17)	no	1.00	47397.00	47397.00	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17

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1	2	3	4	5	6	7	8	9	10
EIRL-9	Providing and fixing in trenches galvanised / mild steel tubes (medium grade) 50mm dia nominal bore with all fittings (earth work in trenches to be measured and paid for separately) including cost of all materials, labour, charges HOM of equipments complete as per specifications.	mtr	200.00	479.52	95904.00	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-10	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper with low resistance conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and powder coating extruded PVC sheathed suitable for working voltage upto 1100Volts as per IS-694:1990 & confirming to GTP of GROUP-A. 3C x 4 Sqm mm KPWD Electrical SR 2014-15 complete as per specifications and directions of the Engineer in charge.	mt	200.00	140.64	28127.40	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-11	Labour charges for erection as new /repaired submercible pumpset allong with GI pipe (32/50mm) cable (new submercible pumpset if required will be supplied by the department free of cost and released pumpset shoud be handed over to department including transportation (Each lenth =6.00) Page No. 558, Items No-3 BWSSB SR for 2014-15) complete as per specifications and directions of the Engineer in charge.	mt	130	97.68	12698.40	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17

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1	2	3	4	5	6	7	8	9	10
EIRL-12	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc., KPWD Electrical SR 2014-15 complete as per specifications and directions of the Engineer in charge.	each	1.0	335.22	335.22	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-13	Supplying of 1.1 KV LT UG cable having aluminum conductor PVC insulated, extruded inner sheathed, galvanized, steel strip (except 2CX10Sq.mm wire armoured) confirming to IS-3975:1990 (No. of Strip indicated in GTP) & extruded PVC outer sheathed armoured cable with specified IS-1554 Part-1:1988 & confirming to GTP of GROUP-A core 16 Sqmm KPWD Electrical SR 2014-15 complete as per specifications and directions of the Engineer in charge.	each	30.0	155.84	4675.32	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-14	Labour charges for laying of 1.1 KV class UG cable in existing trench GI pipe / stoneware pipe / on wall / on pole as required.In existing trench/duct. 6Sqmm to 16 Sqmm) KPWD Electrical SR 2014-15 complete as per specifications and directions of the Engineer in charge.	mtr	30.0	11.99	359.64	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-15	Digging of trench of 0.6m deep x 0.50 mtr wide refilling the trench to th complete as per specifications and directions of the Engineer in charge.e required ground level and consolidating etc., complete.(As per Civil SR KSRB I-2, KPWD Electrical SR 2014-15 complete as per specifications and directions of the Engineer in charge.	mt	30.0	94.35	2830.50	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17

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EIRL-16	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV KPWD Electrical SR 2014-15 (40mm dia GI pipe) complete as per specifications and directions of the Engineer in charge.	mtr	12.00	382.95	4595.40	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-17	Supplying and fixing L.T. cast Iron pot heads suitable for 1.1 KV class UG cable filled with necessary bitumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., P. No. 62 / I.No. 7.13.2 KPWD Electrical SR 2014-15	each	1.00	310.80	310.80	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-18	Providing and fixing in position 50mm nominal bore gun metal non-return valve horizontal type of approved make including cost of all materials, labour and HOM of equipments with all leads complete as per specifications and directions of the Engineer in charge. NO KBS PWD SR 2015-16 50 mm dia	nos	1.00	94.35	94.35	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-19	Supplying and fixing 50mm dia GI X nipple with ISI mark with all lead and lift loading unloading and labour charges etc complete P. XXXVII PWD SR 2015-16	nos	4.00	115.77	463.09	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17

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EIRL-20	Fabricating supplying and mounting MS box made out ... SWG suitable for floor / wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished with 2 coats of red oxide primer paint and finally finished with approved colour enameled metal paint etc., complete as per specifications and directions of the Engineer in charge.KPWD Electrical SR 2014-15	Sq.cms	23400.00	0.37	8571.42	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
EIRL-21	Supplying fully automatic store detta starer unit push button type with suitable wires three contractors one adjustable termal timer mounted on a common base plate held in steel enclosure for use on 400/440 volts 3pase and wired offter fixing to the wooden board for motor upto 12.50 HP (KPWD electrical SR for 2014-15 complete as per specifications and directions of the Engineer in charge.	nos	1.00	7307.13	7307.13	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17

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EIRL-22	PROVIDING TRAPEZOIDAL PROFILED SHEET Providing and installing of pre painted Galvolume iron Trapezoidal profiled sheet of approved make 1060 mm width (1000 mm cover width), 28-30 mm crest height with crest distance of 200 mm c/c with 2 ribs at the centre for stiffening. The total coated thickness (TCT) of the sheet will be 0.47 mm +/- 0.02 mm tolerance Zinc-Alu Alloy coating AZ150 gsm as per ASTM 1397/A755-550 mpa steel grade, 5-7 microns epoxy primer on both side of the sheet and polyester top coat 20-22 microns using self drilling/self tapping screws of 25 mm length, to be fixed over the existing purlins, rafters, channels and trusses.	nos	36.00	923.07	33230.52	Alternative Item	No	Savings in the Estimate Amount	Yes included in the CSR 16-17
					1647191.06				

Note: Percentage of Extra item over the sanctioned Estimate=Extra item amount over the approved amount/Amount as per Work Order x 100
(1647191.06/13949505.50)x100 = 11.80%
Percentage Of Excess 11.81

Asst Engineer
Dasarahalli Project Division
BBMP

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

Asst.Executive Engineer
Dasarahalli Project Division
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Executive Engineer
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